

820 Payment Order/Remittance Advice

Functional Group ID= **RA**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Payment Order/Remittance Advice Transaction Set (820) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to make a payment, send a remittance advice, or make a payment and send a remittance advice. This transaction set can be an order to a financial institution to make a payment to a payee. It can also be a remittance advice identifying the detail needed to perform cash application to the payee's accounts receivable system. The remittance advice can go directly from payer to payee, through a financial institution, or through a third party agent.

Notes:

- 1. This transaction set will be used by the disbursing office to transmit remittance advice to the vendor or designated third party.*
- 2. The monetary amount in BPR02 should be the sum of all "outer" loop values in data element ADX01 and all data element RMR04 amounts, if present. The data cited in data elements BPR12-15 are in effect, the vendor's Electronic Funds Transfer (EFT) "Remit To" electronic address. The date cited in BPR16 is the date used for early discount and late payment calculations.*
- 3. For a vendor with a single EFT account, only data elements BPR02 and BPR16 will vary per payment.*
- 4. Military Sealift Command (MSC) uses this transaction set as a Payment Order/Remittance Advice for containerized, breakbulk, and Government Bill of Lading (GBL) shipments.*

Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BPR	Beginning Segment for Payment Order/Remittance Advice	M	1		
Not Used	030	NTE	Note/Special Instruction	O	>1		
	035	TRN	Trace	O	1		c1
	040	CUR	Currency	O	1		c2
	050	REF	Reference Identification	O	>1		
	060	DTM	Date/Time Reference	O	>1		
			LOOP ID - N1			>1	
	070	N1	Name	O	1		c3
	080	N2	Additional Name Information	O	>1		
	090	N3	Address Information	O	>1		
	100	N4	Geographic Location	O	1		

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Not Used	110	REF	Reference Identification	O	>1
	120	PER	Administrative Communications Contact	O	>1

Detail:

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
LOOP ID - ENT						>1
010	ENT	Entity	O	1		n1, c4
LOOP ID - N1						>1
020	N1	Name	O	1		c5
030	N2	Additional Name Information	O	>1		
040	N3	Address Information	O	>1		
050	N4	Geographic Location	O	1		
Not Used	060	REF	Reference Identification	O	>1	
	070	PER	Administrative Communications Contact	O	>1	
LOOP ID - ADX						>1
080	ADX	Adjustment	O	1		c6
090	NTE	Note/Special Instruction	O	>1		
Not Used	100	PER	Administrative Communications Contact	O	>1	
	105	DTM	Date/Time Reference	O	1	
LOOP ID - REF						>1
	110	REF	Reference Identification	O	1	
Not Used	120	DTM	Date/Time Reference	O	>1	
LOOP ID - IT1						>1
Not Used	130	IT1	Baseline Item Data (Invoice)	O	1	c7
LOOP ID - REF						>1
Not Used	140	REF	Reference Identification	O	1	
Not Used	141	DTM	Date/Time Reference	O	1	
LOOP ID - SAC						>1
Not Used	142	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
Not Used	143	TXI	Tax Information	O	>1	
LOOP ID - SLN						>1
Not Used	144	SLN	Subline Item Detail	O	1	
LOOP ID - REF						>1
Not Used	145	REF	Reference Identification	O	1	
Not Used	146	DTM	Date/Time Reference	O	>1	
LOOP ID - SAC						>1
Not Used	147	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
Not Used	148	TXI	Tax Information	O	>1	
LOOP ID - RMR						>1
	150	RMR	Remittance Advice Accounts Receivable Open Item Reference	O	1	c8
Not Used	160	NTE	Note/Special Instruction	O	>1	

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	170	REF	Reference Identification	O	>1	
	180	DTM	Date/Time Reference	O	>1	
	LOOP ID - IT1					>1
	190	IT1	Baseline Item Data (Invoice)	O	1	c9
	LOOP ID - REF					>1
	200	REF	Reference Identification	O	1	
Not Used	201	DTM	Date/Time Reference	O	1	
	LOOP ID - SAC					>1
	202	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
Not Used	203	TXI	Tax Information	O	>1	
	LOOP ID - SLN					>1
Not Used	204	SLN	Subline Item Detail	O	1	
	LOOP ID - REF					>1
Not Used	205	REF	Reference Identification	O	1	
Not Used	206	DTM	Date/Time Reference	O	>1	
	LOOP ID - SAC					>1
Not Used	207	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
Not Used	208	TXI	Tax Information	O	>1	
	LOOP ID - ADX					>1
	210	ADX	Adjustment	O	1	c10
	220	NTE	Note/Special Instruction	O	>1	
Not Used	230	PER	Administrative Communications Contact	O	>1	
	LOOP ID - REF					>1
	240	REF	Reference Identification	O	1	
	250	DTM	Date/Time Reference	O	>1	
	LOOP ID - IT1					>1
Not Used	260	IT1	Baseline Item Data (Invoice)	O	1	c11
	LOOP ID - REF					>1
Not Used	270	REF	Reference Identification	O	1	
Not Used	271	DTM	Date/Time Reference	O	1	
	LOOP ID - SAC					>1
Not Used	272	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
Not Used	273	TXI	Tax Information	O	>1	
	LOOP ID - SLN					>1
Not Used	274	SLN	Subline Item Detail	O	1	
	LOOP ID - REF					>1
Not Used	275	REF	Reference Identification	O	1	
Not Used	276	DTM	Date/Time Reference	O	>1	
	LOOP ID - SAC					>1
Not Used	277	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
Not Used	278	TXI	Tax Information	O	>1	

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			LOOP ID - TXP	>1		
Not Used	280	TXP	Tax Payment	O	1	n2
Not Used	285	TXI	Tax Information	O	>1	
			LOOP ID - DED	>1		
	287	DED	Deductions	O	1	n3
			LOOP ID - LX	>1		
Not Used	290	LX	Assigned Number	O	1	n4
Not Used	295	REF	Reference Identification	O	>1	
Not Used	300	TRN	Trace	O	>1	
			LOOP ID - NM1	>1		
Not Used	305	NM1	Individual or Organizational Name	O	1	
Not Used	310	REF	Reference Identification	O	>1	
Not Used	315	G53	Maintenance Type	O	1	
			LOOP ID - AIN	>1		
Not Used	320	AIN	Income	O	1	
Not Used	325	QTY	Quantity	O	>1	
Not Used	330	DTP	Date or Time or Period	O	>1	
			LOOP ID - PEN	>1		
Not Used	335	PEN	Pension Information	O	1	
Not Used	340	AMT	Monetary Amount	O	>1	
Not Used	345	DTP	Date or Time or Period	O	>1	
			LOOP ID - INV	>1		
Not Used	350	INV	Investment Vehicle Selection	O	1	
Not Used	355	DTP	Date or Time or Period	O	>1	

Summary:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Must Use	010	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. The ENT loop is for vendor or consumer third party consolidated payments.
2. The TXP loop is for tax payments.
3. The DED loop is for child support payments.
4. The LX loop is for pension payments.

Transaction Set Comments

1. The TRN segment is used to uniquely identify a payment order/remittance advice.
2. The CUR segment does not initiate a foreign exchange transaction.
3. The N1 loop allows for name/address information for the payer and payee which would be utilized to address remittance(s) for delivery.
4. ENT09 may contain the payee's accounts receivable customer number.
5. Allowing the N1 segment to repeat in this area allows the paying entity within a payer and the paid entity within a payee to be identified (not the payer and payee).

- 6.** This ADX loop contains adjustment items which are not netted to an RMR segment in this transaction set.
- 7.** Loop IT1 within the ADX loop is the adjustment line item detail loop.
- 8.** Loop RMR is for open items being referenced or for payment on account.
- 9.** Loop IT1 within the RMR loop is the remittance line item detail loop.
- 10.** This ADX loop can only contain adjustment information for the immediately preceding RMR segment and affects the amount (RMR04) calculation. If this adjustment amount is not netted to the immediately preceding RMR, use the outer ADX loop (position 080).
- 11.** Loop IT1 within the ADX loop is the adjustment line item detail loop.

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use ST01	143	Transaction Set Identifier Code	M ID 3/3
		Code uniquely identifying a Transaction Set	
		820 X12.4 Payment Order/Remittance Advice	
Must Use ST02	329	Transaction Set Control Number	M AN 4/9
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
		<i>This unique control number is assigned by the originator of the transaction set or by the originator's application program. This same number is carried in SE02.</i>	

Segment: **BPR** Beginning Segment for Payment Order/Remittance Advice
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a Payment Order/Remittance Advice Transaction Set and total payment amount, or to enable related transfer of funds and/or information from payer to payee to occur

- Syntax Notes:**
- 1 If either BPR06 or BPR07 is present, then the other is required.
 - 2 If BPR08 is present, then BPR09 is required.
 - 3 If either BPR12 or BPR13 is present, then the other is required.
 - 4 If BPR14 is present, then BPR15 is required.
 - 5 If either BPR18 or BPR19 is present, then the other is required.
 - 6 If BPR20 is present, then BPR21 is required.

- Semantic Notes:**
- 1 BPR02 specifies the payment amount.
 - 2 When using this transaction set to initiate a payment, all or some of BPR06 through BPR16 may be required, depending on the conventions of the specific financial channel being used.
BPR06 and BPR07 relate to the originating depository financial institution (ODFI).
 - 3 BPR08 is a code identifying the type of bank account or other financial asset.
 - 4 BPR09 is the account of the company originating the payment. This account may be debited or credited depending on the type of payment order.
 - 5 BPR12 and BPR13 relate to the receiving depository financial institution (RDFI).
 - 6 BPR14 is a code identifying the type of bank account or other financial asset.
 - 7 BPR15 is the account number of the receiving company to be debited or credited with the payment order.
 - 8 BPR16 is the date the originating company intends for the transaction to be settled (i.e., Payment Effective Date).
 - 9 BPR17 is a code identifying the business reason for this payment.
 - 10 BPR18, BPR19, BPR20 and BPR21, if used, identify a third bank identification number and account to be used for return items only.
 - 11 BPR20 is a code identifying the type of bank account or other financial asset.

Comments:

Data Element Summary

Ref.	Data		Attributes
Des.	Element	Name	
Must Use	BPR01	305 Transaction Handling Code	M ID 1/2
		Code designating the action to be taken by all parties	
		C	Payment Accompanies Remittance Advice
		D	Make Payment Only
		I	Remittance Information Only
		P	Prenotification of Future Transfers

U Split Payment and Remittance

Use this code for split disbursements.

Must Use BPR02 782 Monetary Amount M R 1/15

Monetary amount

1. Total monetary amount to be credited/debited.

2. A decimal point is required when the amount is in dollars and cents. Total payment amount cannot exceed eleven characters (including the decimal) when converted to National Automated Clearing House Association (NACHA) format, e.g., 99999999.99

Must Use BPR03 478 Credit/Debit Flag Code M ID 1/1

Code indicating whether amount is a credit or debit

Use to indicate the amount in BPR02 is a credit or debit.

C Credit

D Debit

Must Use BPR04 591 Payment Method Code M ID 3/3

Code identifying the method for the movement of payment instructions

ACH Automated Clearing House (ACH)

CHK Check

When used, cite the check mailing address in the I/N1/070 loop. Payment by check is discouraged and should be used in the short term only.

FEW Federal Reserve Fund/Wire Transfer - Repetitive

FWT Federal Reserve Funds/Wire Transfer - Nonrepetitive

ZZZ Mutually Defined

Use this code when the split disbursement has two different payment methods.

BPR05 812 Payment Format Code O ID 1/10

Code identifying the payment format to be used

If BPR04 is "ACH", the valid codes are "CCP", "CTX", "PPD", "PPP".

CCP Cash Concentration/Disbursement plus Addenda (CCD+) (ACH)

CTX Corporate Trade Exchange (CTX) (ACH)

PPD Prearranged Payment and Deposit (PPD+) (ACH)

PPP Prearranged Payment and Deposit plus Addenda (PPD+) (ACH)

BPR06 506 (DFI) ID Number Qualifier X ID 2/2

Code identifying the type of identification number of Depository Financial Institution (DFI)

01 ABA Transit Routing Number Including Check Digits (9 digits)

					<i>Use to identify the disbursing office number (i.e., the office making the payment).</i>
		02			Swift Identification (8 or 11 characters)
					<i>Use to indicate Swift Foreign Currency EFT.</i>
BPR07	507	(DFI) Identification Number	X	AN 3/12	
		Depository Financial Institution (DFI) identification number			
		<i>Cite the disbursing office routing number.</i>			
BPR08	569	Account Number Qualifier	O	ID 1/3	
		Code indicating the type of account			
		<i>Use to identify the agency location code. Data maintenance action has been submitted to ASC X12 to add code ALC (Agency Location Code) to this data element. It is expected that this code will be available for use in ASC X12 Version/Release 3060. In the meantime use the listed code.</i>			
		Z			Mutually Defined
					<i>Use to indicate the agency location code.</i>
BPR09	508	Account Number	X	AN 1/35	
		Account number assigned			
		<i>Cite the Agency Location Code of the paying agency. Required for EFT.</i>			
BPR10	509	Originating Company Identifier	O	AN 10/10	
		A unique identifier designating the company initiating the funds transfer instructions. The first character is one-digit ANSI identification code designation (ICD) followed by the nine-digit identification number which may be an IRS employer identification number (EIN), data universal numbering system (DUNS), or a user assigned number; the ICD for an EIN is 1, DUNS is 3, user assigned number is 9			
Not Used BPR11	510	Originating Company Supplemental Code	O	AN 9/9	
		A code defined between the originating company and the originating depository financial institution (ODFI) that uniquely identifies the company initiating the transfer instructions			
BPR12	506	(DFI) ID Number Qualifier	X	ID 2/2	
		Code identifying the type of identification number of Depository Financial Institution (DFI)			
		<i>1. BPR12 through BPR15 relate to the receiving depository financial institution and account.</i>			
		<i>2. Leave blank if BPR04 is CHK.</i>			
		01			ABA Transit Routing Number Including Check Digits (9 digits)
					<i>Use to indicate the receiving depository financial institution transit routing number as provided by the vendor at registration.</i>
		02			Swift Identification (8 or 11 characters)
		ZZ			Mutually Defined

Any payment not going through the Federal Reserve System.

BPR13	507	(DFI) Identification Number	X	AN 3/12
		Depository Financial Institution (DFI) identification number		
		<i>1. Use to identify the receiving financial institution for the vendor as provided by the vendor at the time of registration. If 01 in BPR12 cite the receiving financial institution's 9-digit RTN. Required for EFT.</i>		
		<i>2. For MSC, use to identify the ABA Transit Routing Number (originator).</i>		
BPR14	569	Account Number Qualifier	O	ID 1/3
		Code indicating the type of account		
		<i>Use to identify the type of account and use BPR15 to identify the Payee's account number. This data element is required when EFT is used. Leave blank if BPR04 is code CHK.</i>		
		DA		Demand Deposit
		SG		Savings
BPR15	508	Account Number	X	AN 1/35
		Account number assigned		
		<i>Use to identify the receiver's bank account. This data element is required when EFT is used.</i>		
BPR16	373	Date	O	DT 6/6
		Date (YYMMDD)		
		<i>1. Use to identify the settlement date.</i>		
		<i>2. For MSC, use to identify the payment effective date.</i>		
BPR17	1048	Business Function Code	O	ID 1/3
		Code identifying the business reason for this payment		
		PCS		Payment of Child Support
		VEN		Vendor Payment
Not Used BPR18	506	(DFI) ID Number Qualifier	X	ID 2/2
		Code identifying the type of identification number of Depository Financial Institution (DFI)		
Not Used BPR19	507	(DFI) Identification Number	X	AN 3/12
		Depository Financial Institution (DFI) identification number		
Not Used BPR20	569	Account Number Qualifier	O	ID 1/3
		Code indicating the type of account		
Not Used BPR21	508	Account Number	X	AN 1/35
		Account number assigned		

Segment: **TRN** Trace
Position: 035
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To uniquely identify a transaction to an application
Syntax Notes:
Semantic Notes:

- 1 TRN02 provides unique identification for the transaction.
- 2 TRN03 identifies an organization.
- 3 TRN04 identifies a further subdivision within the organization.

Comments:
Notes:

1. Use this 1/TRN/035 segment to allow an originator to identify a transaction for tracking purposes.
2. Although use of this segment is optional, failure to cite a reference number in TRN02 will make it difficult to identify this transaction set in an Application Advice, 824 transaction set.
3. Use of a Trace Number is required when submitting an ACH to a financial institution.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use TRN01	481	Trace Type Code	M ID 1/2
		Code identifying which transaction is being referenced	
		1 Current Transaction Trace Numbers	
		<i>Indicates that this is the trace number for this transaction.</i>	
		3 Financial Reassociation Trace Number	
		The matching of payment and remittance information originated separately	
Must Use TRN02	127	Reference Identification	M AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
		<i>A unique number assigned by the originator of the transaction set.</i>	
Not Used TRN03	509	Originating Company Identifier	O AN 10/10
		A unique identifier designating the company initiating the funds transfer instructions. The first character is one-digit ANSI identification code designation (ICD) followed by the nine-digit identification number which may be an IRS employer identification number (EIN), data universal numbering system (DUNS), or a user assigned number; the ICD for an EIN is 1, DUNS is 3, user assigned number is 9	
Not Used TRN04	127	Reference Identification	O AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment:	CUR Currency
Position:	040
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify the currency (dollars, pounds, francs, etc.) used in a transaction
Syntax Notes:	<ol style="list-style-type: none"> 1 If CUR08 is present, then CUR07 is required. 2 If CUR09 is present, then CUR07 is required. 3 If CUR10 is present, then at least one of CUR11 or CUR12 is required. 4 If CUR11 is present, then CUR10 is required. 5 If CUR12 is present, then CUR10 is required. 6 If CUR13 is present, then at least one of CUR14 or CUR15 is required. 7 If CUR14 is present, then CUR13 is required. 8 If CUR15 is present, then CUR13 is required. 9 If CUR16 is present, then at least one of CUR17 or CUR18 is required. 10 If CUR17 is present, then CUR16 is required. 11 If CUR18 is present, then CUR16 is required. 12 If CUR19 is present, then at least one of CUR20 or CUR21 is required. 13 If CUR20 is present, then CUR19 is required. 14 If CUR21 is present, then CUR19 is required.
Semantic Notes:	
Comments:	1 See Figures Appendix for examples detailing the use of the CUR segment.

Data Element Summary

Ref.	Data			Attributes
Des.	Element	Name		
Must Use	CUR01	98	Entity Identifier Code	M ID 2/2
			Code identifying an organizational entity, a physical location, or an individual	
			Refer to 003060 Data Element Dictionary for acceptable code values.	
Must Use	CUR02	100	Currency Code	M ID 3/3
			Code (Standard ISO) for country in whose currency the charges are specified	
			<i>For MSC, use to identify payment currency.</i>	
	CUR03	280	Exchange Rate	O R 4/10
			Value to be used as a multiplier conversion factor to convert monetary value from one currency to another	
	CUR04	98	Entity Identifier Code	O ID 2/2
			Code identifying an organizational entity, a physical location, or an individual	
			Refer to 003060 Data Element Dictionary for acceptable code values.	
	CUR05	100	Currency Code	O ID 3/3
			Code (Standard ISO) for country in whose currency the charges are	

specified

For MSC, use to identify billing currency.

	CUR06	669	Currency Market/Exchange Code	O	ID 3/3
			Code identifying the market upon which the currency exchange rate is based		
			Refer to 003060 Data Element Dictionary for acceptable code values.		
	CUR07	374	Date/Time Qualifier	X	ID 3/3
			Code specifying type of date or time, or both date and time		
			Refer to 003060 Data Element Dictionary for acceptable code values.		
	CUR08	373	Date	O	DT 6/6
			Date (YYMMDD)		
	CUR09	337	Time	O	TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
	CUR10	374	Date/Time Qualifier	X	ID 3/3
			Code specifying type of date or time, or both date and time		
			Refer to 003060 Data Element Dictionary for acceptable code values.		
	CUR11	373	Date	X	DT 6/6
			Date (YYMMDD)		
	CUR12	337	Time	X	TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
Not Used	CUR13	374	Date/Time Qualifier	X	ID 3/3
			Code specifying type of date or time, or both date and time		
Not Used	CUR14	373	Date	X	DT 6/6
			Date (YYMMDD)		
Not Used	CUR15	337	Time	X	TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
Not Used	CUR16	374	Date/Time Qualifier	X	ID 3/3
			Code specifying type of date or time, or both date and time		
Not Used	CUR17	373	Date	X	DT 6/6
			Date (YYMMDD)		
Not Used	CUR18	337	Time	X	TM 4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Not Used CUR19 374 Date/Time Qualifier X ID 3/3
Code specifying type of date or time, or both date and time

Not Used CUR20 373 Date X DT 6/6
Date (YYMMDD)

Not Used CUR21 337 Time X TM 4/8
Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Segment: **REF** Reference Identification
Position: 050
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes: 1 At least one of REF02 or REF03 is required.
 2 If either C04003 or C04004 is present, then the other is required.
 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.
Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification CK Check Number DO Delivery Order Number GC Government Contract Number VR Vendor ID Number VV Voucher	M ID 2/3
	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <i>Check number or payment reference number.</i>	X AN 1/30
	REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80
Not Used	REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
Not Used	C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3
Not Used	C04002	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
Not Used	C04003	128	Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3
Not Used	C04004	127	Reference Identification Reference information as defined for a particular Transaction Set or as	X AN 1/30

			specified by the Reference Identification Qualifier		
Not Used	C04005	128	Reference Identification Qualifier	X	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04006	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

Segment: **DTM** Date/Time Reference

Position: 060

Loop:

Level: Heading

Usage: Optional

Max Use: >1

Purpose: To specify pertinent dates and times

Syntax Notes:

- 1 At least one of DTM02 DTM03 or DTM06 is required.
- 2 If either DTM06 or DTM07 is present, then the other is required.

Semantic Notes:

Comments:

Notes: *Use this 1/DTM/060 segment to identify the date of this transaction set.*

Data Element Summary

Ref.	Data			
Des.	Element	Name		Attributes
Must Use	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
			007 Effective	
			097 Transaction Creation	
	DTM02	373	Date	X DT 6/6
			Date (YYMMDD)	
	DTM03	337	Time	X TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
Not Used	DTM04	623	Time Code	O ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
	DTM05	624	Century	O N0 2/2
			The first two characters in the designation of the year (CCYY)	
Not Used	DTM06	1250	Date Time Period Format Qualifier	X ID 2/3
			Code indicating the date format, time format, or date and time format	
Not Used	DTM07	1251	Date Time Period	X AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times	

Segment: **N1** Name
Position: 070
Loop: N1
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.

Semantic Notes:
Comments: 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
 2 N105 and N106 further define the type of entity in N101.

Notes: 1. *Use two repetitions of the N1 loop to identify at least the payer and payee organizations. One iteration for the payee is mandatory. A second iteration for the payer is optional.*

2. *Whenever possible, address information should be transmitted using code values contained in a combination of the N101 and N103/04 data elements. Use N102 and N2-N4 segments only when it is necessary to transmit the full address. For example, if a vendor can be identified by a Data Universal Numbering System (DUNS) number, it is not necessary to transmit the vendor's full address since the relationship between the DUNS number and the vendor's address can be established by accessing a data base in which the information is stored, having been put there at the time the vendor electronically registered as a federal government trading partner.*

3. *Use the 1/N1/070 loop to identify organization(s) or persons that apply to all of the line items, or are not applicable at the line item level. When the addresses vary by line item, use the 2/N1/020 loop.*

Data Element Summary

Ref.	Data		Attributes
Des.	Element	Name	
Must Use	N101	98 Entity Identifier Code	M ID 2/2
		Code identifying an organizational entity, a physical location, or an individual	
		PE Payee	
			<i>Use to indicate the vendor. When used, indicate the applicable vendor's code in N103/04.</i>
		PR Payer	
	N102	93 Name	X AN 1/35
		Free-form name	
			<i>1. When N101 is code PR, use to indicate the disbursing office.</i>

2. When N101 is code PE, cite the name of the payee.

3. Payee name is required if the code is not provided in N104.

N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67)	X	ID 1/2
		1		D-U-N-S Number, Dun & Bradstreet
		2		Standard Carrier Alpha Code (SCAC)
		9		D-U-N-S+4, D-U-N-S Number with Four Character Suffix
		10		Department of Defense Activity Address Code (DODAAC)
		33		Commercial and Government Entity (CAGE)
		93		Code assigned by the organization originating the transaction set
				<i>Until conversion to DUNS numbers, agencies may cite an agency vendor identification number or an agency internal vendor identification number as related to the agency's payment system. Use only when another listed code is not applicable.</i>
		FI		Federal Taxpayer's Identification Number
				<i>Use to indicate either the Employer Identification Number (EIN) or Social Security Number (SSN) as appropriate. Required when applicable.</i>
N104	67	Identification Code Code identifying a party or other code	X	AN 2/20
Not Used	N105	706 Entity Relationship Code Code describing entity relationship	O	ID 2/2
Not Used	N106	98 Entity Identifier Code Code identifying an organizational entity, a physical location, or an individual	O	ID 2/2

Segment: **N2** Additional Name Information

Position: 080

Loop: N1

Level: Heading

Usage: Optional

Max Use: >1

Purpose: To specify additional names or those longer than 35 characters in length

Syntax Notes:

Semantic Notes:

Comments:

Notes: *This segment is not necessary when the cited party can be identified by a code value in N101/03/04. Use, when necessary, to cite a name to appear on a payment check when that method of payment has been approved.*

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use N201	93	Name Free-form name	M AN 1/35
N202	93	Name Free-form name	O AN 1/35

Segment: **N3** Address Information
Position: 090
Loop: N1
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Notes:

- 1. This segment is not necessary when the cited party can be identified by a code value in N101/03/04. Use, when necessary, to cite a address to appear on a payment check when that method of payment has been approved.*
- 2. This segment is used to cite the street address of the vendor being paid and may include an "Attention" line in the address. For example:*

10 Main Street
Attn: Accounts Receivable Department

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use N301	166	Address Information	Address information	M AN 1/35
N302	166	Address Information	Address information	O AN 1/35

Segment:	N4 Geographic Location
Position:	100
Loop:	N1
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 If N406 is present, then N405 is required.
Semantic Notes:	
Comments:	<p>1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.</p> <p>2 N402 is required only if city name (N401) is in the U.S. or Canada.</p>
Notes:	<i>This segment is not necessary when the cited party can be identified by a code value in N101/03/04. Use, when necessary, to cite the address to appear on a payment check when that method of payment has been approved.</i>

Data Element Summary

Ref.	Data	Attributes
Des.	Element Name	
N401	19 City Name Free-form text for city name	O AN 2/30
N402	156 State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
N403	116 Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15
N404	26 Country Code Code identifying the country	O ID 2/3
Not Used N405	309 Location Qualifier Code identifying type of location	X ID 1/2
Not Used N406	310 Location Identifier Code which identifies a specific location	O AN 1/30

Segment: **PER Administrative Communications Contact**
Position: 120
Loop: N1
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To identify a person or office to whom administrative communications should be directed

- Syntax Notes:**
- 1 If either PER03 or PER04 is present, then the other is required.
 - 2 If either PER05 or PER06 is present, then the other is required.
 - 3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:

Comments:

Notes: *Use this 1/PER/120 segment to identify a contact that applies to all of the line items, or are not applicable at the line item level. When the contact varies by line item, use the 2/PER/070 segment.*

Data Element Summary

Ref.	Data			
Des.	Element	Name		Attributes
Must Use PER01	366	Contact Function Code		M ID 2/2
		Code identifying the major duty or responsibility of the person or group named		
		IC Information Contact		
PER02	93	Name		O AN 1/35
		Free-form name		
		<i>Cite the last name first, followed by the first name. Do not truncate the last name if whole name is longer than 35 characters. Instead, truncate the first name or use the initial of the first name.</i>		
PER03	365	Communication Number Qualifier		X ID 2/2
		Code identifying the type of communication number		
		<i>Use to identify the preferred method of communication in the first repetition. Use PER05/06 to identify an additional communication number. Use additional repetitions of the PER segment to identify additional numbers.</i>		
		AU Defense Switched Network		
		Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)		
		EM Electronic Mail		
		FX Facsimile		
		IT International Telephone		
		MN Modem Number		
		TE Telephone		

		TL	Telex	
		TM	Telemail	
		TX	TWX	
PER04	364	Communication Number		X AN 1/80

Complete communications number including country or area code when applicable

Do not include blank spaces or dashes between numbers.

PER05	365	Communication Number Qualifier		X ID 2/2
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Code identifying the type of communication number

Use to identify a second communications number for the party cited in PER02. For example, if PER03/04 cites a commercial telephone number, PER05/06 can be used to cited an Electronic Mail address.

- | | |
|----|--|
| AU | Defense Switched Network
Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON) |
| EM | Electronic Mail |
| EX | Telephone Extension |
| FX | Facsimile |
| IT | International Telephone |
| MN | Modem Number |
| TE | Telephone |
| TL | Telex |
| TM | Telemail |
| TX | TWX |

PER06	364	Communication Number		X AN 1/80
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Complete communications number including country or area code when applicable

Do not include blank spaces or dashes between numbers.

PER07	365	Communication Number Qualifier		X ID 2/2
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Code identifying the type of communication number

Use to provide a third communications number for the party cited in PER02.

- | | |
|----|--|
| AU | Defense Switched Network
Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON) |
| EM | Electronic Mail |
| EX | Telephone Extension |
| FX | Facsimile |
| IT | International Telephone |
| MN | Modem Number |

TE Telephone
TL Telex
TM Telemail
TX TWX

PER08 364 Communication Number X AN 1/80
Complete communications number including country or area code when applicable

Do not use blank spaces or dashes between numbers.

PER09 443 Contact Inquiry Reference O AN 1/20
Additional reference number or description to clarify a contact number

Use, if necessary, to provide the title of the party cited in PER02.

Segment: **ENT** Entity
Position: 010
Loop: ENT
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To designate the entities which are parties to a transaction and specify a reference meaningful to those entities

- Syntax Notes:**
- 1 If any of ENT02 ENT03 or ENT04 is present, then all are required.
 - 2 If any of ENT05 ENT06 or ENT07 is present, then all are required.
 - 3 If either ENT08 or ENT09 is present, then the other is required.

Semantic Notes:

- Comments:**
- 1 This segment allows for the grouping of data by entity/entities at or within a master/masters. A master (e.g., an organization) can be comprised of numerous subgroups (e.g., entities). This master may send grouped data to another master (e.g., an organization) which is comprised of one or more entities. Groupings are as follows:
 - (1) Single/Single: Only ENT01 is necessary, because there is a single entity (the sending master) communicating with a single entity (the receiving master).
 - (2) Single/Multiple: ENT05, ENT06, and ENT07 would be used to identify the entities within the receiving master. The sending master is a single entity, so no other data elements need be used.
 - (3) Multiple/Single: ENT02, ENT03, and ENT04 would be used to identify the entities within the sending master. The receiving master is a single entity, so no other data elements need be used.
 - (4) Multiple/Multiple: ENT02, ENT03, and ENT04 would be used to identify the entities within the sending master. ENT05, ENT06, and ENT07 would be used to identify the entities within the receiving master.

This segment also allows for the transmission of a unique reference number that is meaningful between the entities.

Notes: *Agencies will use either a single iteration of the 2/ENT/010 loop for a remittance advice directly to the payee organization (single/single as described in comments 1 and 2), or more than one iteration, if a consolidated payer (for multiple/single transaction), as described in comments 3 and 4.*

Data Element Summary

Ref.	Data		Attributes
Des.	Element	Name	
ENT01	554	Assigned Number	O N0 1/6
		Number assigned for differentiation within a transaction set	
		<i>Number assigned by the agency to each entity in the transaction.</i>	
ENT02	98	Entity Identifier Code	X ID 2/2
		Code identifying an organizational entity, a physical location, or an individual	
		<i>Use any code.</i>	
		Refer to 003060 Data Element Dictionary for acceptable code values.	

	ENT03	66	Identification Code Qualifier	X	ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)		
			<i>Use any code.</i>		
			Refer to 003060 Data Element Dictionary for acceptable code values.		
	ENT04	67	Identification Code	X	AN 2/20
			Code identifying a party or other code		
	ENT05	98	Entity Identifier Code	X	ID 2/2
			Code identifying an organizational entity, a physical location, or an individual		
			Refer to 003060 Data Element Dictionary for acceptable code values.		
	ENT06	66	Identification Code Qualifier	X	ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)		
			Refer to 003060 Data Element Dictionary for acceptable code values.		
	ENT07	67	Identification Code	X	AN 2/20
			Code identifying a party or other code		
Not Used	ENT08	128	Reference Identification Qualifier	X	ID 2/3
			Code qualifying the Reference Identification		
Not Used	ENT09	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

Segment: **N1** Name

Position: 020

Loop: N1

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To identify a party by type of organization, name, and code

Syntax Notes:

- 1 At least one of N102 or N103 is required.
- 2 If either N103 or N104 is present, then the other is required.

Semantic Notes:

Comments:

- 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
- 2 N105 and N106 further define the type of entity in N101.

Notes:

1. *Use two repetitions of the N1 loop to identify at least the payer and payee organizations. One iteration for the payee is mandatory. A second iteration for the payer is optional.*
2. *Whenever possible, address information should be transmitted using code values contained in a combination of the N101 and N103/04 data elements Use N102 and N2-N4 segments only when it is necessary to transmit the full address. For example, if a vendor can be identified by a DUNS number, it is not necessary to transmit the vendor's full address since the relationship between the DUNS number and the vendor's address can be established by accessing a data base in which the information is stored, having been put there at the time the vendor electronically registered as a federal government trading partner.*
3. *Use the 1/N1/070 loop to identify facility or geographic location that applies to all of the line items, or are not applicable at the line item level. When the addresses vary by line item, use the 2/N1/020 loop.*

Data Element Summary

Ref.	Data			Attributes
Des.	Element	Name		
Must Use	N101	98	Entity Identifier Code	M ID 2/2
			Code identifying an organizational entity, a physical location, or an individual	
		PE	Payee	
			<i>This code is used only by DoD.</i>	
		VN	Vendor	
N102	93	Name		X AN 1/35
			Free-form name	
N103	66	Identification Code Qualifier		X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	

		Refer to 003060 Data Element Dictionary for acceptable code values.		
N104	67	Identification Code	X	AN 2/20
		Code identifying a party or other code		
N105	706	Entity Relationship Code	O	ID 2/2
		Code describing entity relationship		
		<i>Use any code.</i>		
		Refer to 003060 Data Element Dictionary for acceptable code values.		
N106	98	Entity Identifier Code	O	ID 2/2
		Code identifying an organizational entity, a physical location, or an individual		
		<i>Use any code.</i>		
		Refer to 003060 Data Element Dictionary for acceptable code values.		

Segment: **N2** Additional Name Information

Position: 030

Loop: N1

Level: Detail

Usage: Optional

Max Use: >1

Purpose: To specify additional names or those longer than 35 characters in length

Syntax Notes:

Semantic Notes:

Comments:

Notes: *This segment is not necessary when the cited party can be identified by a code value in N101/03/04. Use, when necessary, to cite a name to appear on a payment check.*

Data Element Summary

Ref.	Data	Attributes
Des.	Element Name	
Must Use N201	93 Name Free-form name	M AN 1/35
N202	93 Name Free-form name	O AN 1/35

Segment: **N3** Address Information

Position: 040

Loop: N1

Level: Detail

Usage: Optional

Max Use: >1

Purpose: To specify the location of the named party

Syntax Notes:

Semantic Notes:

Comments:

Notes: *This segment is not necessary when the cited party can be identified by a code value in N101/03/04. Use, when necessary, to cite a address to which a check is to be mailed.*

Data Element Summary

	Ref.	Data		Attributes
	Des.	Element	Name	
Must Use	N301	166	Address Information Address information	M AN 1/35
	N302	166	Address Information Address information	O AN 1/35

Segment:	N4 Geographic Location
Position:	050
Loop:	N1
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 If N406 is present, then N405 is required.
Semantic Notes:	
Comments:	<p>1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.</p> <p>2 N402 is required only if city name (N401) is in the U.S. or Canada.</p>
Notes:	<i>This segment is not necessary when the cited party can be identified by a code value in N101/03/04. Use, when necessary, to cite an address to which a check is to be mailed.</i>

Data Element Summary

Ref.	Data	Attributes
Des.	Element Name	
N401	19 City Name Free-form text for city name	O AN 2/30
N402	156 State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
N403	116 Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15
N404	26 Country Code Code identifying the country	O ID 2/3
Not Used N405	309 Location Qualifier Code identifying type of location	X ID 1/2
Not Used N406	310 Location Identifier Code which identifies a specific location	O AN 1/30

Segment: **PER Administrative Communications Contact**
Position: 070
Loop: N1
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To identify a person or office to whom administrative communications should be directed

- Syntax Notes:**
- 1 If either PER03 or PER04 is present, then the other is required.
 - 2 If either PER05 or PER06 is present, then the other is required.
 - 3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:

Comments:

Notes: *Use this 2/PER/070 segment to identify a contact that applies to specific line items. When the contact applies to all of the line items, use 1/PER/120 segment.*

Data Element Summary

Ref.	Data			Attributes
Des.	Element	Name		
Must Use PER01	366	Contact Function Code		M ID 2/2
		Code identifying the major duty or responsibility of the person or group named		
		IC Information Contact		
PER02	93	Name		O AN 1/35
		Free-form name		
		<i>Cite the last name first, followed by the first name. Do not truncate the last name if whole name is longer than 35 characters. Instead, truncate the first name or use the initial of the first name.</i>		
PER03	365	Communication Number Qualifier		X ID 2/2
		Code identifying the type of communication number		
		<i>Use to identify the preferred method of communication in the first repetition. Use PER05/06 to identify an additional communication number. Use additional repetitions of the PER segment to identify additional numbers.</i>		
		AU Defense Switched Network		
		Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)		
		EM Electronic Mail		
		FX Facsimile		
		IT International Telephone		
		MN Modem Number		
		TE Telephone		
		TL Telex		

		TM	Telemail	
		TX	TWX	
PER04	364	Communication Number		X AN 1/80
		Complete communications number including country or area code when applicable		
		<i>Do not include blank spaces or dashes between numbers.</i>		
PER05	365	Communication Number Qualifier		X ID 2/2
		Code identifying the type of communication number		
		<i>Use to identify a second communications number for the party cited in PER02. For example, if PER03/04 cites a commercial telephone number, PER05/06 can be used to cite an Electronic Mail address.</i>		
		AU	Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)	
		EM	Electronic Mail	
		EX	Telephone Extension	
		FX	Facsimile	
		IT	International Telephone	
		MN	Modem Number	
		TE	Telephone	
		TL	Telex	
		TM	Telemail	
		TX	TWX	
PER06	364	Communication Number		X AN 1/80
		Complete communications number including country or area code when applicable		
		<i>Do not include blank spaces or dashes between numbers.</i>		
PER07	365	Communication Number Qualifier		X ID 2/2
		Code identifying the type of communication number		
		<i>Use to provide a third communications number for the party cited in PER02.</i>		
		AU	Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)	
		EM	Electronic Mail	
		EX	Telephone Extension	
		FX	Facsimile	
		IT	International Telephone	
		MN	Modem Number	
		TE	Telephone	

TL Telex
TM Telemail
TX TWX

- PER08 364 Communication Number** **X AN 1/80**
Complete communications number including country or area code when applicable
Do not include blank spaces or dashes between numbers.
- PER09 443 Contact Inquiry Reference** **O AN 1/20**
Additional reference number or description to clarify a contact number
Use, if necessary, to provide the title of the party in PER02.

Segment: **ADX** Adjustment
Position: 080
Loop: ADX
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To convey accounts-payable adjustment information for the purpose of cash application, including payer-generated debit/credit memos

Syntax Notes: 1 If either ADX03 or ADX04 is present, then the other is required.

Semantic Notes: 1 ADX01 specifies the amount of the adjustment and must be signed if negative. If negative, it reduces the payment amount; if positive, it increases the payment amount.
 2 ADX02 specifies the reason for claiming the adjustment.
 3 ADX03 and ADX04 specify the identification of the adjustment.

Comments:

- Notes:**
1. *Use this 2/ADX/080 loop when payment amount differs from invoice to indicate adjustments included in the total amount paid based on adjustments to previously submitted invoices, not related to those indicated in the 2/RMR/150 loop. Segment can only be used when payment method is CTX or when sending remittance separately.*
 2. *Use multiple iterations of this 2/ADX/080 to indicate multiple adjustments and reasons. For MSC, the ADX loop is used once for each debit/credit memo against a previously paid invoice and for overall account adjustment.*
 3. *The outer ADX loop contains adjustment items that are not specifically netted to an RMR segment in the same transmission. An adjustment is being made to a previously remitted invoice not referenced in any of the RMR segments listed in the current transmission. An ADX loop can also be used in an account payable, post audit process with an adjustment presented after the original invoice is processed. Because of the timing difference, this may cause the adjustment to appear in the outer loop of the same transmission in which the RMR segment is referenced.*

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use ADX01	782	Monetary Amount	M R 1/15
		Monetary amount	
		1. <i>Use to indicate the adjustment amount.</i>	
		2. <i>Use a minus sign to indicate a debit.</i>	
		3. <i>A decimal point is required when the amount is in dollars and cents.</i>	
Must Use ADX02	426	Adjustment Reason Code	M ID 2/2
		Code indicating reason for debit or credit memo or adjustment to invoice,	

debit or credit memo, or payment

Use any authorized codes but listed codes are preferred.

51 Interest Penalty Charge

Use to pay interest additional penalty under the Prompt Payment Act.

52 Credit for Previous Overpayment

81 Credit as Agreed

L1 Audit

An itemized charge has been adjusted to this amount due to a re-audit being performed; that audit identified a variance between the amount authorized by the receiver of that goods/service and the amount charged by the provider of the goods/service.

Use to indicate an itemized charge has been adjusted to the amount due to a pre-audit being performed; that audit identified a variance between the amount authorized by the receiver of the goods/service and the amount charged by the provider of the goods/service.

L2 Discount

The dollar value of the discount applied which reduces the payment amount due the payee

Use to indicate the dollar value of the discount applied that reduces the payment amount to the payee.

L3 Penalty

The dollar value of the penalty assessed a business entity for a past due debt

Use to indicate the dollar value of the penalty assessed a business entity for a past due debt.

L4 Administrative Fees

The dollar value of the administrative fee assessed a business entity for handling a debt

Use to indicate the dollar value of the administrative fee assessed a business entity for handling a debt.

L5 Interest Due

The dollar value of interest assessed a business entity for a past due debt

Use to indicate interest due to government.

L6 Interest Owed

The dollar value of interest owed a business entity for a past due payment

Use to indicate a late payment under the Prompt Payment Act.

L7 Miscellaneous Deductions
A deduction taken from the amount due a business entity for which no specific reason code exists; this code must be accompanied by a free-form explanation of the deduction.

Use to indicate a deduction taken from the amount due a business entity for which no specific reason code exists. When used, provide an explanation in REF03 of the 2/REF/110 segment.

L8 Miscellaneous Credits
An amount that increases the payment due a business entity for which no specific reason code exists; this code must be accompanied by a free-form explanation of the credit. Use to indicate an amount that increases the payment due a business entity for which no specific reason code exists. When used, provide an explanation in REF03 of the 2/REF/110 segment.

LP Late Payment
Use to indicate a late payment under the Prompt Payment Act.

Refer to 003060 Data Element Dictionary for acceptable code values.

ADX03 128 Reference Identification Qualifier X ID 2/3

Code qualifying the Reference Identification

1. Use to indicate the previous invoice or other billing document number for affecting the current adjustment.

2. While any approved code may be used, listed codes are preferred

AM Adjustment Memo (Charge Back)

BL Government Bill of Lading

BM Bill of Lading Number

CL Seller's Credit Memo

CM Credit Memo

CN Carrier's Reference Number (PRO/Invoice)

DB Buyer's Debit Memo

DL Debit Memo

F9 Freight Payor Reference Number

GK Third Party Reference Number

IK Invoice Number

Manufacturer's invoice number for vehicle/component

MB Master Bill of Lading

OI Original Invoice Number

RZ Returned Goods Authorization Number

SI Shipper's Identifying Number for Shipment (SID)

A unique number (to the shipper) assigned by the shipper to identify the shipment

TR Government Transportation Request

Refer to 003060 Data Element Dictionary for acceptable code values.

ADX04	127	Reference Identification	X	AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

Segment: **NTE** Note/Special Instruction
Position: 090
Loop: ADX
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction

Syntax Notes:

Semantic Notes:

Comments: 1 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
NTE01	363	Note Reference Code	O ID 3/3
		Code identifying the functional area or purpose for which the note applies	
		PMT Payment	
Must Use NTE02	352	Description	M AN 1/80
		A free-form description to clarify the related data elements and their content	
		<i>Used to provide specific information about the adjustment of a Government Bill.</i>	

Segment: **DTM** Date/Time Reference
Position: 105
Loop: ADX
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of DTM02 DTM03 or DTM06 is required.
 2 If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
Must Use	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
		140	Actual	
			<i>Use to indicate the actual date of the document specified in the preceding ADX segment.</i>	
	DTM02	373	Date	X DT 6/6
			Date (YYMMDD)	
Not Used	DTM03	337	Time	X TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
Not Used	DTM04	623	Time Code	O ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
	DTM05	624	Century	O N0 2/2
			The first two characters in the designation of the year (CCYY)	
	DTM06	1250	Date Time Period Format Qualifier	X ID 2/3
			Code indicating the date format, time format, or date and time format	
			<i>Use to identify the period for which interest was owned under the Prompt Payment Act in the preceding ADX segment.</i>	
		RD6	Range of Dates Expressed in Format YYMMDD -YYMMDD	
	DTM07	1251	Date Time Period	X AN 1/35

Expression of a date, a time, or range of dates, times or dates and times

Segment: **REF** Reference Identification
Position: 110
Loop: REF
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify identifying information
Syntax Notes: 1 At least one of REF02 or REF03 is required.
 2 If either C04003 or C04004 is present, then the other is required.
 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.
Comments:
Notes: *Use this segment, if applicable, to cite ancillary reference numbers relating to the preceding ADX segment.*

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use REF01	128	Reference Identification Qualifier	M ID 2/3

Code qualifying the Reference Identification

Use any code to cite an ancillary reference number relating to the data contained in the preceding ADX segment.

- IK** *Payor's Claim Number*
Number associated with an overcharge claim for a past Government bill.
- CN** *Carrier's Reference Number (PRO/Invoice)*
- RB** *Rate Code Number*
When ADX02 is code L6, use to indicate the interest rate used to calculate the interest paid in the preceding ADX segment.
- TD** *Reason for Change*
When the ADX02 is L6, use to indicate the late payment code under the Prompt Payment Act.
- XX** *Rating Period*
When the ADX02 is L6, use to indicate the number of days used to calculate the amount paid in 2/ADX01/080.

Refer to 003060 Data Element Dictionary for acceptable code values.

REF02	127	Reference Identification	X AN 1/30
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Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

For MSC, use to identify the Ocean Carrier's Freight Bill of Lading Number.

REF03	352	Description	X AN 1/80
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A free-form description to clarify the related data elements and their

content

When ADX02 is code L7 or L8, use to provide an explanation of the miscellaneous deduction or credit resulting from the document number cited in REF01/02.

Not Used	REF04	C040	Reference Identifier	O	
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier		
Not Used	C04001	128	Reference Identification Qualifier	M	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04002	127	Reference Identification	M	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	C04003	128	Reference Identification Qualifier	X	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04004	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	C04005	128	Reference Identification Qualifier	X	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04006	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

- Segment:** **RMR** Remittance Advice Accounts Receivable Open Item Reference
- Position:** 150
- Loop:** RMR
- Level:** Detail
- Usage:** Optional
- Max Use:** 1
- Purpose:** To specify the accounts receivable open item(s) to be included in the cash application and to convey the appropriate detail
- Syntax Notes:**
- 1 If either RMR01 or RMR02 is present, then the other is required.
 - 2 If either RMR07 or RMR08 is present, then the other is required.
- Semantic Notes:**
- 1 If RMR03 is present, it specifies how the cash is to be applied.
 - 2 RMR04 is the amount paid.
 - 3 RMR05 is the amount of invoice (including charges, less allowance) before terms discount (if discount is applicable) or debit amount or credit amount of referenced items.
 - 4 RMR06 is the amount of discount taken.
 - 5 RMR08, if present, represents an interest penalty payment, amount late interest paid, or amount anticipation.
- Comments:**
- 1 Parties using this segment should agree on the content of RMR01 and RMR02 prior to initiating communication.
 - 2 If RMR03 is not present, this is a payment for an open item. If paying an open item, RMR02 must be present. If not paying a specific open item, RMR04 must be present.
 - 3 RMR05 may be needed by some payees to distinguish between duplicate reference numbers.
- Notes:**
1. *Use multiple iterations of the 2/RMR/150 loop as needed to indicate individual invoice numbers included within the remittance amount. The RMR loop will accommodate multiple GBLs per payment.*
 2. *Use to identify all open items to be included in the cash application (i.e., invoices, seller credit memos, etc.). Include agency data as available, in all relevant data element in each iteration of an RMR segment.*
 3. *The RMR is to be used for open items being referenced for payment on account. The inner ADX segment should be used for buyer generated claims or other adjustments.*

Data Element Summary

Ref.	Data		
Des.	Element	Name	Attributes
RMR01	128	Reference Identification Qualifier	X ID 2/3
		Code qualifying the Reference Identification	
		<i>When used in a system employing Evaluated Receipt Settlement (ERS), there must be at least one iteration of the RMR segment citing one of codes BM, PK, or SI in data element RMR01 and ER in RMR03.</i>	
	1V	Related Vendor Order Number	

- A vendor's order number that is in addition to a primary order number
- AM Adjustment Memo (Charge Back)
- BL Government Bill of Lading
- BM Bill of Lading Number
- CL Seller's Credit Memo
- DL Seller's Debit Memo
- IV Seller's Invoice Number

For example: A third party billing service is the seller to the contractor providing the product to the Government.

- OI Original Invoice Number
- PK Packing List Number
- R7 Accounts Receivable Open Item

Use, as applicable, as a generic reference to an open item unless another listed qualifier code defines the precise nature of the item being referenced.

- SI Shipper's Identifying Number for Shipment (SID)
A unique number (to the shipper) assigned by the shipper to identify the shipment
- TR Government Transportation Request

RMR02 127 Reference Identification X AN 1/30
Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

If RMR01 is BL, then RMR02 cannot contain punctuation or special characters.

RMR03 482 Payment Action Code O ID 2/2
Code specifying the accounts receivable open item(s), if any, to be included in the cash application.

- AI Amount Paid Inclusive of Discounts and Adjustments
- ER Evaluated Receipts Settlement
- NS Not Specified (Unknown as to Type of Payment)
- PA Payment in Advance
- PI Pay Item

Use in preference over code PP when an item is expected to be cleared.

- PO Payment on Account
- PP Partial Payment

Do not use for progress payment. This code is used only when a partial payment is applicable. Data maintenance shall be requested for the addition of a code to indicate an applicable progress payment.

Do not use this code if an item is expected to be cleared. Use code PI instead.

	RMR04	782	Monetary Amount	O R 1/15
			Monetary amount	
			<i>1. Use to indicate the net amount paid on the specified invoice.</i>	
			<i>2. A decimal point is required when amount is in dollars and cents.</i>	
	RMR05	782	Monetary Amount	O R 1/15
			Monetary amount	
			<i>Use to identify the amount invoiced.</i>	
	RMR06	782	Monetary Amount	O R 1/15
			Monetary amount	
			<i>Use to identify the total amount of the discount taken.</i>	
Not Used	RMR07	426	Adjustment Reason Code	X ID 2/2
			Code indicating reason for debit or credit memo or adjustment to invoice, debit or credit memo, or payment	
Not Used	RMR08	782	Monetary Amount	X R 1/15
			Monetary amount	

Segment: **REF** Reference Identification
Position: 170
Loop: RMR
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying information
Syntax Notes: 1 At least one of REF02 or REF03 is required.
 2 If either C04003 or C04004 is present, then the other is required.
 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.
Comments:
Notes: *This segment contains ancillary reference numbers relating to the preceding RMR segment. This segment shall not be used to identify the primary document number. Instead, cite that number in data elements RMR01/02.*

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier

Code qualifying the Reference Identification

While any code can be used, listed codes are preferred.

- AA Accounts Receivable Statement Number*
- AX Government Accounting Class Reference Number (ACRN)*
- BM Bill of Lading Number*
- BT Batch Number*
- C7 Contract Line Item Number*
- CK Check Number*
- CN Carrier's Reference Number (PRO/Invoice)*
If the invoice refers to transportation charges, consider it an original invoice.
- DO Delivery Order Number*
- DP Department Number*
- FS Final Sequence Number*
- GC Government Contract Number*
- IL Internal Order Number*
- IS Invoice Number Suffix*
If the invoice refers to transportation charges, consider it a supplemental invoice.
- IV Seller's Invoice Number*
- LT Lot Number*
- MB Master Bill of Lading*
- MG Meter Number*
- PO Purchase Order Number*
- RZ Returned Goods Authorization Number*

SH *Sender Defined Clause*
SI *Shipper's Identifying Number for Shipment (SID)*
A unique number (to the shipper) assigned by the shipper to identify the shipment
ST *Store Number*
SY *Social Security Number*
TQ *Tracer Request Number*
VV *Voucher*
XF *Government Bill of Lading Office Code*
XG *Airline Ticket Number*
XH *Contract Auditor ID Number*

Refer to 003060 Data Element Dictionary for acceptable code values.

	REF02	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
	REF03	352	Description	X	AN 1/80
			A free-form description to clarify the related data elements and their content		
Not Used	REF04	C040	Reference Identifier	O	
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier		
Not Used	C04001	128	Reference Identification Qualifier	M	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04002	127	Reference Identification	M	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	C04003	128	Reference Identification Qualifier	X	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04004	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	C04005	128	Reference Identification Qualifier	X	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04006	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

Segment: **DTM** Date/Time Reference

Position: 180

Loop: RMR

Level: Detail

Usage: Optional

Max Use: >1

Purpose: To specify pertinent dates and times

- Syntax Notes:**
- 1 At least one of DTM02 DTM03 or DTM06 is required.
 - 2 If either DTM06 or DTM07 is present, then the other is required.

Semantic Notes:

Comments:

Notes: *Cite the date of the document specified in the preceding RMR segment.*

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
Must Use	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
			003	Invoice
			095	Bill of Lading
			140	Actual
			<i>The actual date of the document cited in the preceding data element RMR02.</i>	
			496	Contract Audit Date
Must Use	DTM02	373	Date	X DT 6/6
			Date (YYMMDD)	
Not Used	DTM03	337	Time	X TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
Not Used	DTM04	623	Time Code	O ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
	DTM05	624	Century	O N0 2/2
			The first two characters in the designation of the year (CCYY)	
Not Used	DTM06	1250	Date Time Period Format Qualifier	X ID 2/3
			Code indicating the date format, time format, or date and time format	
Not Used	DTM07	1251	Date Time Period	X AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times	

Segment: **IT1** **Baseline Item Data (Invoice)**
Position: 190
Loop: IT1
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions

- Syntax Notes:**
- 1 If any of IT102 IT103 or IT104 is present, then all are required.
 - 2 If either IT106 or IT107 is present, then the other is required.
 - 3 If either IT108 or IT109 is present, then the other is required.
 - 4 If either IT110 or IT111 is present, then the other is required.
 - 5 If either IT112 or IT113 is present, then the other is required.
 - 6 If either IT114 or IT115 is present, then the other is required.
 - 7 If either IT116 or IT117 is present, then the other is required.
 - 8 If either IT118 or IT119 is present, then the other is required.
 - 9 If either IT120 or IT121 is present, then the other is required.
 - 10 If either IT122 or IT123 is present, then the other is required.
 - 11 If either IT124 or IT125 is present, then the other is required.

Semantic Notes: 1 IT101 is the purchase order line item identification.

- Comments:**
- 1 Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of IDs.
 - 2 IT106 through IT125 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Notes: *For MSC, the IT1 loop is used for each container or breakbulk item paid or disallowed.*

Data Element Summary

Ref.	Data	Attributes
Des.	Element Name	
IT101	350 Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set <i>1. For transportation, enter the Government Bill of Lading (GBL) service item code.</i> <i>2. For MSC, enter the Transportation Control Number.</i>	O AN 1/20
IT102	358 Quantity Invoiced Number of units invoiced (supplier units)	X R 1/10
IT103	355 Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003060 Data Element Dictionary for acceptable code values.	X ID 2/2
IT104	212 Unit Price	X R 1/17

		Price per unit of product, service, commodity, etc.		
IT105	639	Basis of Unit Price Code	O	ID 2/2
		Code identifying the type of unit price for an item		
		Refer to 003060 Data Element Dictionary for acceptable code values.		
IT106	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003060 Data Element Dictionary for acceptable code values.		
IT107	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
IT108	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003060 Data Element Dictionary for acceptable code values.		
IT109	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
IT110	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003060 Data Element Dictionary for acceptable code values.		
IT111	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
IT112	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003060 Data Element Dictionary for acceptable code values.		
IT113	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
IT114	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003060 Data Element Dictionary for acceptable code values.		
IT115	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
IT116	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003060 Data Element Dictionary for acceptable code values.		
IT117	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
IT118	235	Product/Service ID Qualifier	X	ID 2/2

		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003060 Data Element Dictionary for acceptable code values.		
IT119	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
IT120	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003060 Data Element Dictionary for acceptable code values.		
IT121	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
IT122	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003060 Data Element Dictionary for acceptable code values.		
IT123	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		
IT124	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Refer to 003060 Data Element Dictionary for acceptable code values.		
IT125	234	Product/Service ID	X	AN 1/40
		Identifying number for a product or service		

Segment: **REF** Reference Identification
Position: 200
Loop: REF
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify identifying information
Syntax Notes: 1 At least one of REF02 or REF03 is required.
 2 If either C04003 or C04004 is present, then the other is required.
 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.
Comments:

Data Element Summary

Ref.	Data	Element	Name	Attributes
Must Use	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification CN Carrier's Reference Number (PRO/Invoice) TG Transportation Control Number (TCN)	M ID 2/3
	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
	REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80
Not Used	REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
Not Used	C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3
Not Used	C04002	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
Not Used	C04003	128	Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3
Not Used	C04004	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Not Used	C04005	128	Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3
Not Used	C04006	127	Reference Identification	X AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment: **SAC** Service, Promotion, Allowance, or Charge Information
Position: 202
Loop: SAC
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

- Syntax Notes:**
- 1 At least one of SAC02 or SAC03 is required.
 - 2 If either SAC03 or SAC04 is present, then the other is required.
 - 3 If either SAC06 or SAC07 is present, then the other is required.
 - 4 If either SAC09 or SAC10 is present, then the other is required.
 - 5 If SAC11 is present, then SAC10 is required.
 - 6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.
 - 7 If SAC14 is present, then SAC13 is required.

- Semantic Notes:**
- 1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
 - 2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
 - 3 SAC08 is the allowance or charge rate per unit.
 - 4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
 - 5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
 - 6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.

- Comments:**
- 1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
 - 2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to a "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Notes: *For MSC, the SAC loop is used to identify the type service charges for each container or breakbulk item.*

Data Element Summary

Ref.	Data		
Des.	Element	Name	Attributes
Must Use	SAC01	248 Allowance or Charge Indicator	M ID 1/1
		Code which indicates an allowance or charge for the service specified	
		A Allowance	
		C Charge	
Must Use	SAC02	1300 Service, Promotion, Allowance, or Charge Code	X ID 4/4

			Code identifying the service, promotion, allowance, or charge Refer to 003060 Data Element Dictionary for acceptable code values.		
Not Used	SAC03	559	Agency Qualifier Code	X	ID 2/2
			Code identifying the agency assigning the code values		
Not Used	SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code	X	AN 1/10
			Agency maintained code identifying the service, promotion, allowance, or charge		
	SAC05	610	Amount	O	N2 1/15
			Monetary amount <i>Enter the dollar amount of the GBL service item identified in IT1.</i>		
Not Used	SAC06	378	Allowance/Charge Percent Qualifier	X	ID 1/1
			Code indicating on what basis allowance or charge percent is calculated		
Not Used	SAC07	332	Percent	X	R 1/6
			Percent expressed as a percent		
	SAC08	118	Rate	O	R 1/9
			Rate expressed in the standard monetary denomination for the currency specified		
	SAC09	355	Unit or Basis for Measurement Code	X	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 003060 Data Element Dictionary for acceptable code values.		
	SAC10	380	Quantity	X	R 1/15
			Numeric value of quantity		
	SAC11	380	Quantity	O	R 1/15
			Numeric value of quantity		
Not Used	SAC12	331	Allowance or Charge Method of Handling Code	O	ID 2/2
			Code indicating method of handling for an allowance or charge		
	SAC13	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <i>For MSC, use to identify a Contract Line Item Number (CLIN).</i>		
	SAC14	770	Option Number	O	AN 1/20
			A unique number identifying available promotion or allowance options when more than one is offered		
	SAC15	352	Description	O	AN 1/80
			A free-form description to clarify the related data elements and their content		

Segment: **ADX** Adjustment
Position: 210
Loop: ADX
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To convey accounts-payable adjustment information for the purpose of cash application, including payer-generated debit/credit memos

Syntax Notes: 1 If either ADX03 or ADX04 is present, then the other is required.

Semantic Notes: 1 ADX01 specifies the amount of the adjustment and must be signed if negative. If negative, it reduces the payment amount; if positive, it increases the payment amount.
 2 ADX02 specifies the reason for claiming the adjustment.
 3 ADX03 and ADX04 specify the identification of the adjustment.

Comments:

Notes: *When payment amount varies from invoice amount, use multiple iterations of this 2/ADX/210 loop as needed to identify one or more adjustments to the current invoice indicated in the corresponding 2/RMR/150 loop.*

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ADX01	782	Monetary Amount Monetary amount <i>1. Use to indicate the adjustment amount.</i> <i>2. Use a minus sign to indicate a debit.</i> <i>3. A decimal point is required when amount is in dollars and cents.</i>	M R 1/15
Must Use	ADX02	426	Adjustment Reason Code Code indicating reason for debit or credit memo or adjustment to invoice, debit or credit memo, or payment 01 Pricing Error 06 Quantity Contested 11 Returns - Damage 22 Weight Error 23 Special Charge Not Authorized 54 Freight Deducted 55 Tax Deducted 72 Authorized Return 74 Cancel or Adjust Prior Credit/Debit Adjustment 75 Total Order Not Received 87 Duplicate Shipment 99 Late Shipment of Goods	M ID 2/2

- A2 Misshipped (Wrong Product Received)
- A4 Nonreceipt of Goods
- E1 Recoupment
- E9 Order Cancelled
- L1 Audit
An itemized charge has been adjusted to this amount due to a pre-audit being performed; that audit identified a variance between the amount authorized by the receiver of that goods/service and the amount charged by the provider of the goods/service
- L2 Discount
The dollar value of the discount applied which reduces the payment amount due the payee
- L3 Penalty
The dollar value of the penalty assessed a business entity for a past due debt
- L4 Administrative Fees
The dollar value of the administrative fee assessed a business entity for handling a debt
- L5 Interest Due
The dollar value of interest assessed a business entity for a past due debt
- L6 Interest Owed
The dollar value of interest owed a business entity for a past due payment
- L7 Miscellaneous Deductions
A deduction taken from the amount due a business entity for which not specific reason code exists; this code must be accompanied by a free-form explanation of the deduction
- L8 Miscellaneous Credits
An amount that increases the payment due a business entity for which no specific reason code exists; this code must be accompanied by a free-form explanation of the credit

ADX03 128 Reference Identification Qualifier X ID 2/3

Code qualifying the Reference Identification

- CM Buyer's Credit Memo
- DL Seller's Debit Memo
- IX Item Number
- XG Airline Ticket Number

ADX04 127 Reference Identification X AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment: **NTE** Note/Special Instruction
Position: 220
Loop: ADX
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction

Syntax Notes:

Semantic Notes:

Comments: 1 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
NTE01	363	Note Reference Code	O ID 3/3
		Code identifying the functional area or purpose for which the note applies	
		PMT Payment	
Must Use NTE02	352	Description	M AN 1/80
		A free-form description to clarify the related data elements and their content	
		<i>Used to provide specific information about the adjustment of a Government Bill.</i>	

Segment: **REF** Reference Identification
Position: 240
Loop: REF
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify identifying information
Syntax Notes: 1 At least one of REF02 or REF03 is required.
 2 If either C04003 or C04004 is present, then the other is required.
 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes: 1 REF04 contains data relating to the value cited in REF02.
Comments:
Notes: *Use this segment, if applicable, to cite ancillary reference numbers relating to the preceding ADX segment.*

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification <i>Use any code to cite an ancillary reference number relating to the data contained in the immediately preceding ADX segments.</i>	M ID 2/3
	1K	Payor's Claim Number <i>When ADX02 is L1, include the number associated with an overcharge claim for a past Government Bill.</i>	
	RB	Rate code number <i>When ADX02 is code L6, use to indicate the interest rate used to calculate the interest paid in the preceding ADX segment.</i>	
	TD	Reason for Change <i>When the ADX02 is L6, use to indicate the late payment code under the Prompt Payment Act.</i>	
	XX	Rating Period <i>When the ADX02 is L6, use to indicate the number of days used to calculate the amount paid in the 2/ADX01/080.</i>	
Must Use REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Not Used REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80
Not Used REF04	C040	Reference Identifier	O

			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier		
Not Used	C04001	128	Reference Identification Qualifier	M	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04002	127	Reference Identification	M	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	C04003	128	Reference Identification Qualifier	X	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04004	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	C04005	128	Reference Identification Qualifier	X	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04006	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

Segment: **DTM** Date/Time Reference
Position: 250
Loop: REF
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of DTM02 DTM03 or DTM06 is required.
 2 If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
Must Use	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
		140	Actual	
			<i>Use to indicate the actual date of the document specified in the immediately preceding ADX segment.</i>	
	DTM02	373	Date	X DT 6/6
			Date (YYMMDD)	
Not Used	DTM03	337	Time	X TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
Not Used	DTM04	623	Time Code	O ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
	DTM05	624	Century	O N0 2/2
			The first two characters in the designation of the year (CCYY)	
	DTM06	1250	Date Time Period Format Qualifier	X ID 2/3
			Code indicating the date format, time format, or date and time format	
			<i>Use to identify the period for which interest was owned under the Prompt Payment Act in the preceding ADX segment.</i>	
		RD6	Range of Dates Expressed in Format YYMMDD -YYMMDD	

DTM07	1251	Date Time Period	X	AN 1/35
		Expression of a date, a time, or range of dates, times or dates and times		

Segment: **DED Deductions**

Position: 287

Loop: DED

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify payment related information for child support payment deductions

Syntax Notes:

Semantic Notes:

- 1 DED02 is the code indicating the case identifier.
- 2 DED03 is the pay date.
- 3 DED04 is the payment amount.
- 4 DED05 is the social security number of the absent parent.
- 5 DED06 indicates if the obligor has family medical insurance coverage available through their employer. A "Y" indicates medical coverage is available; an "N" indicates there is no coverage.
- 6 DED07 is the name of the absent parent. The absent parent's name contains the first seven letters of the obligor's last name followed by the first three letters of the obligor's first name. A comma must be used to separate the last name from the first name of the absent parent when the last name is less than seven characters.
- 7 DED08 contains the Federal Information Process Standard (FIPS) Code. The FIPS code is 5 characters when indicating both the state and county codes. It is seven characters when indicating state, county and local codes.
- 8 DED09 identifies to the child support enforcement agency that an individual's employment has terminated. A "Y" is used if the employee has been terminated otherwise the field is not used. DED04 may contain zero if this field is used.

Comments:

Data Element Summary

Ref.	Data	Attributes
Des.	Element Name	
Must Use DED01	1511 Type of Deduction Code specifying type of deduction being withheld from an employee's pay Refer to 003060 Data Element Dictionary for acceptable code values.	M ID 2/2
Must Use DED02	127 Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
Must Use DED03	373 Date Date (YYMMDD)	M DT 6/6
Must Use DED04	610 Amount Monetary amount	M N2 1/15
Must Use DED05	127 Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30

Must Use	DED06	1073	Yes/No Condition or Response Code	M	ID 1/1
			Code indicating a Yes or No condition or response Refer to 003060 Data Element Dictionary for acceptable code values.		
	DED07	93	Name	O	AN 1/35
			Free-form name		
	DED08	127	Reference Identification	O	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
	DED09	1073	Yes/No Condition or Response Code	O	ID 1/1
			Code indicating a Yes or No condition or response Refer to 003060 Data Element Dictionary for acceptable code values.		

Segment: **SE** Transaction Set Trailer
Position: 010
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:

Semantic Notes:

Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	Ref.	Data		Attributes
	Des.	Element	Name	
Must Use	SE01	96	Number of Included Segments	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			<i>Cite the same number that is contained in ST02.</i>	